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› Aiicoo Under Tank Heater & Thermostat User Manual

Aiicoo ac184752-50bc-4514-a324-52f936e42e17

Aiicoo Under Tank Heater & Thermostat User Manual

Model: ac184752-50bc-4514-a324-52f936e42e17

Brand: Aiicoo

INTRODUCTION

The Aiicoo Under Tank Heater and Thermostat Combo Set is designed to provide a gentle, consistent heat source for reptiles, amphibians, and small animal terrariums. This system includes an adhesive heating pad and a digital thermostat for precise temperature control, ensuring a safe and comfortable environment for your pets. The thermostat allows for easy temperature setting and monitoring in both Fahrenheit and Celsius.

IMPORTANT SAFETY INSTRUCTIONS

Please read and follow all safety and installation instructions in this user manual prior to use. Failure to do so may result in injury, electric shock, and/or fire.

- Do not place the heating pad on flammable substrate surfaces such as wooden items, plastic, or carpets.
- Do not cover the heating pad with anything that would impede heat dissipation.
- Do not place glass containers in areas that may be exposed to direct sunlight.
- The Under Tank Heater should be placed on the outside of the tank only.
- If placing the heater on the underside of the tank, ensure the tank is slightly elevated using the included rubber feet or another method to prevent heat encapsulation.
- Avoid spilling or spraying water directly on the glass where the heater is attached, as this could cause stress cracks.
- Do not use the heating pad on aquatic tanks, as this combination can create stress cracks.
- Always use a substrate that will absorb water and keep water dishes on the opposite side of the terrarium from the heating pad.
- Never exceed the rated input voltage of the appliance.
- Do not allow children to touch, climb on, or play with the appliance.
- Do not operate the appliance if there are signs of damage or if the power cord is damaged.

PACKAGE CONTENTS

Your Aiicoo Under Tank Heater & Thermostat Combo Set includes:

- 1 x Under Tank Heating Pad (6" x 8", 8W)
- 1 x Digital Thermostat with Temperature Probe
- 4 x Rubber Feet



Image: The complete Aiicoo Under Tank Heater and Thermostat Combo Set, including the heating pad, digital thermostat, and temperature probe.

SPECIFICATIONS

Feature	Detail
Brand	Aiicoo
Model	ac184752-50bc-4514-a324-52f936e42e17
Heater Size	6" x 8" (15 x 20 cm)
Wattage	8 Watts

Feature	Detail
Voltage	120 Volts
Temperature Control Range	68-108°F (20-42°C)
Temperature Display Range	32-140°F (0-60°C)
Control Type	Digital Push Button
Display Type	LCD with Backlight
Mounting Type	Bottom Mount, Side Mount

SETUP INSTRUCTIONS

1. **Prepare the Terrarium:** Ensure the outside surface of your terrarium where the heating pad will be applied is clean and dry.
2. **Apply the Heating Pad:**
 - Peel off the protective paper from the adhesive side of the heating pad.
 - Carefully press the heating pad firmly onto the desired location on the **outside** of the terrarium glass. This can be the bottom or the side.

Solid material can effectively decreases and eradicates the probability of melting and separating



Image: The heating pad with its adhesive backing being removed for application.



Image: Illustration demonstrating both side mounting and bottom mounting options for the heating pad on a terrarium.

3. **Attach Rubber Feet (for bottom mounting):** If you chose to mount the heating pad on the bottom of the terrarium, attach the included rubber feet to the bottom corners of the terrarium. This elevates the tank slightly, allowing excess heat to escape and preventing heat encapsulation.

Your browser does not support the video tag.

Video: A demonstration of applying the heating pad and rubber feet to a terrarium, highlighting proper placement for heat distribution.

4. **Position the Temperature Probe:** Place the temperature probe inside the terrarium, ideally near the heating area but not directly on the heating pad. Secure it with the included suction cup or other means to ensure it accurately measures the ambient temperature within the enclosure.
5. **Connect the Thermostat:** Plug the heating pad's power cord into the outlet socket on the digital thermostat. Then, plug the thermostat's power cord into a standard 120V electrical outlet.

OPERATING INSTRUCTIONS

1. **Power On:** Once plugged in, the digital display on the thermostat will light up, showing the current temperature measured by the probe. The "POWER" indicator light will illuminate.
2. **Set Desired Temperature:**

- Press and hold the **"SET"** button for 3 seconds to enter the temperature selection mode. The display will flash.
- Use the **"UP"** or **"DOWN"** buttons to adjust the desired temperature.
- Press the **"SET"** button again to confirm your selection and exit the setting mode. The display will return to showing the current temperature.



Image: The digital thermostat with its display and control buttons clearly labeled for temperature adjustment.

3. Switch Temperature Units (Fahrenheit/Celsius):

- To display the temperature in Fahrenheit (°F), press and hold the **"UP"** button for 3 seconds.
- To display the temperature in Celsius (°C), press and hold the **"DOWN"** button for 3 seconds.

Product Specification

Ratings: 120V 60HZ

8.3A/1000W

Tempe. control range: 68-108°F (20-42°C)

Tempe. Display Range: 32-140°F (0-60°C)



Image: A detailed diagram of the thermostat, indicating the Fahrenheit and Celsius display options and the corresponding buttons for switching units.

Your browser does not support the video tag.

Video: A demonstration of how to adjust the temperature settings and switch between Fahrenheit and Celsius on the digital thermostat.

4. **Heating Indicator:** The "HEATING" indicator light will illuminate when the heating pad is actively warming the terrarium to reach the set temperature. It will turn off once the desired temperature is achieved.

MAINTENANCE

- **Cleaning:** Disconnect the power before cleaning. Wipe the heating pad and thermostat with a soft, damp cloth. Do not immerse either component in water.
- **Inspection:** Regularly inspect the heating pad and power cord for any signs of damage, wear, or fraying. If any damage is observed, discontinue use immediately and contact customer support.
- **Probe Care:** Ensure the temperature probe remains clean and free of debris for accurate readings.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Heating pad not warming.	Not plugged in correctly; thermostat not set; power outage.	Ensure all connections are secure. Check thermostat settings. Verify power supply.
Temperature reading is inaccurate.	Probe is not properly placed or is dirty.	Reposition the probe for optimal reading. Clean the probe if necessary.
Terrarium is too hot/cold.	Incorrect temperature setting; poor insulation; external factors.	Adjust the thermostat to the desired temperature. Ensure proper terrarium ventilation and insulation. Consider ambient room temperature.
Display shows "E1" or "E2".	Probe error (E1: open circuit, E2: short circuit).	Check the probe connection. If the error persists, the probe may be faulty and require replacement. Contact customer support.

WARRANTY AND SUPPORT

The Aiicioo Under Tank Heater & Thermostat Combo Set comes with a **Full 1-Year Warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact Aiicioo customer support. Refer to the product packaging or the official Aiicioo website for the most current contact information.